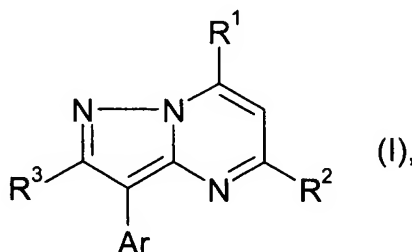


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A compound of formula



or a stereoisomer or ~~including the stereoisomers and the~~ pharmaceutically acceptable ~~addition salts~~ salt thereof,

wherein:

R¹ is NR⁴R⁵ ~~or~~ OR⁵;

R² is C₁₋₆alkyl; ~~C₁₋₆alkyloxy or C₁₋₆alkylthio~~;

R³ is hydrogen, C₁₋₆alkyl, C₁₋₆alkylsulfonyl, ~~C₁₋₆alkylsulfoxy~~ or C₁₋₆alkylthio;

R⁴ is hydrogen; or C₁₋₆alkyl; ~~mono- or di(C₃₋₆cycloalkyl)methyl, C₃₋₆cycloalkyl, C₃₋₆alkenyl, hydroxyC₁₋₆alkyl, C₁₋₆alkylcarbonyloxyC₁₋₆alkyl or C₁₋₆alkyloxyC₁₋₆alkyl~~;

R⁵ is C₁₋₈alkyl, ~~mono- or di(C₃₋₆alkylcycloalkyl)methyl, Ar⁺CH₂, C₃₋₆alkenyl, C₁₋₆alkyloxyC₁₋₆alkyl; or~~ hydroxyC₁₋₆alkyl, thienylmethyl, furanylmethyl, ~~C₁₋₆alkylthioC₁₋₆alkyl, morpholinyl, mono- or di(C₁₋₆alkyl)aminoC₁₋₆alkyl, di(C₁₋₆alkyl)amino, C₁₋₆alkylcarbonylC₁₋₆alkyl, C₁₋₆alkyl substituted with imidazolyl; or a radical of formula Alk-O-CO-Ar⁺~~;

~~or R⁴ and R⁵ taken together with the nitrogen atom to which they are attached may form a pyrrolidinyl, piperidinyl, homopiperidinyl or morpholinyl group, optionally substituted with C₁₋₆alkyl or C₁₋₆alkyloxyC₁₋₆alkyl; and~~

Ar is phenyl; phenyl substituted with 1, 2 or 3 substituents independently selected from halo, C₁₋₆alkyl, ~~trifluoromethyl, hydroxy, cyano, C₁₋₆alkyloxy, benzyloxy, C₁₋₆alkylthio, nitro,~~ amino and mono- and di(C₁₋₆alkyl)amino; pyridinyl; pyridinyl substituted with 1, 2 or 3 substituents independently selected from halo, C₁₋₆alkyl, ~~trifluoromethyl, hydroxy, cyano, C₁₋₆alkyloxy, benzyloxy, C₁₋₆alkylthio, nitro,~~ amino, and mono- or di(C₁₋₆alkyl)amino ~~and piperidinyl~~; and wherein said substituted phenyl may optionally be further substituted with one or more halogens;

~~Ar⁺ is phenyl; phenyl substituted with 1, 2 or 3 substituents each independently selected from halo, C₁₋₆alkyl, C₁₋₆alkyloxy, di(C₁₋₆alkyl)aminoC₁₋₆alkyl, trifluoromethyl and C₁₋₆alkyl substituted with morpholinyl; or pyridinyl; and~~

Alk is C₁₋₆alkanediyl;

with the proviso that ~~5-methyl-3-phenyl-7-(phenylmethoxy)-pyrazolo[1,5-a]pyrimidine and 2,5-dimethyl-7-(methylamino)-3-phenyl-pyrazolo[1,5-a]pyrimidine are~~ is not included.

2-13. (Cancelled)

14. (New) A compound according to claim 1, wherein R³ is hydrogen, C₁₋₆alkyl or C₁₋₆alkylthio.

15. (New) A compound according to claim 14, wherein R³ is hydrogen, methyl or CH₃S-.

16. (New) A compound according to claim 1, wherein R⁴ is hydrogen or C₂₋₄alkyl.

17. (New) A compound according to claim 16, wherein R^4 is hydrogen or n-propyl.

18. (New) A compound according to claim 1, wherein Ar is phenyl substituted with 1, 2 or 3 substituents independently selected from halo and C_{1-6} alkyloxy; or Ar is pyridinyl substituted with 1, 2 or 3 substituents independently selected from halo, C_{1-6} alkyl and di(C_{1-6} alkyl)amino.

19. (New) A compound according to claim 18, wherein Ar is phenyl substituted with 2 or 3 substituents independently selected from halo and methoxy; or Ar is pyridinyl substituted with 2 or 3 substituents independently selected from halo, methyl and dimethylamino.

20. (New) A compound according to claim 1, wherein R^2 is methyl.

21. (New) A compound according to claim 1, wherein R^3 is hydrogen, C_{1-6} alkyl or C_{1-6} alkylthio; R^4 is hydrogen or C_{2-4} alkyl; and Ar is phenyl substituted with 1, 2 or 3 substituents independently selected from halo and C_{1-6} alkyloxy, or pyridinyl substituted with 1, 2 or 3 substituents independently selected from halo, C_{1-6} alkyl and di(C_{1-6} alkyl)amino.

22. (New) A pharmaceutical composition comprising a pharmaceutically acceptable carrier or diluent and a therapeutically effective amount of a compound according to claim 1.

23. (New) A pharmaceutical composition comprising a pharmaceutically acceptable carrier or diluent and a therapeutically effective amount of a compound according to claim 15.

24. (New) A pharmaceutical composition comprising a pharmaceutically acceptable carrier or diluent and a therapeutically effective amount of a compound according to claim 17.

25. (New) A pharmaceutical composition comprising a pharmaceutically acceptable carrier or diluent and a therapeutically effective amount of a compound according to claim 19.

26. (New) A pharmaceutical composition comprising a pharmaceutically acceptable carrier or diluent and a therapeutically effective amount of a compound according to claim 21.

27. (New) A method for treating an endocrine, psychiatric or neurologic disorder or illness in a warm-blooded animal comprising administering to said animal in need of treatment a therapeutically effective amount of a compound according to claim 1.

28. (New) A method for treating an endocrine, psychiatric or neurologic disorder or illness in a warm-blooded animal comprising administering to said animal in need of treatment a therapeutically effective amount of a compound according to claim 18.

29. (New) A method for treating an endocrine, psychiatric or neurologic disorder or illness in a warm-blooded animal comprising administering to an animal in need thereof a therapeutically effective amount of a compound according to claim 21.

30. (New) A method for treating a physiological condition or disorder in a warm-blooded animal arising from the hyper-secretion of corticotrophin-releasing

factor comprising administering to an animal in need thereof a therapeutically effective amount of a compound according to claim 1.

31. (New) A method for treating a physiological condition or disorder in a warm-blooded animal arising from the hyper-secretion of corticotrophin-releasing factor comprising administering to an animal in need thereof a therapeutically effective amount of a compound according to claim 18.

32. (New) A method for treating a physiological condition or disorder in a warm-blooded animal arising from the hyper-secretion of corticotrophin-releasing factor comprising administering to an animal in need thereof a therapeutically effective amount of a compound according to claim 21.